



**gordon
engineering INC.**

P.O.Box 3052, Valley Federal Plaza, Grand Junction, Co. 81501
Office (303)245-1958 Residence(303)243-9599

November 9, 1979

Mr. Cleon B. Feight, Director
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Cominco American, Inc.
Beaver River Unit Federal #2
Millard County, Utah

Dear Mr. Feight:

We are enclosing an Application for Permit to Drill the above referenced well. You will note that we are planning to drill a water supply well and the appropriate forms have been filed with the State Division of Water Rights. This well is to be the initial unit well for the Beaver River Unit which has not yet been approved but should be effective prior to the completion of the well.

Also, the well does not conform to the state spacing regulations but is in tolerance with the Federal standards. The well was located in this position to minimize surface disturbance and we request that the APD be approved.

Please advise if you have any questions or need additional information.

Very truly yours,

John I. Gordon

JIG:bb

Enclosures

cc: Cominco American, Inc.
203 West 8th, #510
Amarillo, Texas 79101

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

Utah 19442

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☒Gas
Well ☐

Other

Single
Zone ☒Multiple
Zone ☐

2. Name of Operator

Cominco American, Inc.

3. Address of Operator

203 W. 8th Street, Suite #510, Amarillo, Texas 79101

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

2200 FNL & 1000 FWL SW NW

At proposed prod. zone

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

Beaver River

8. Farm or Lease Name

Federal

9. Well No.

2

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk.
and Survey or Area

Sec. 28, T20S, R8W

14. Distance in miles and direction from nearest town or post office*

12. County or Parrish 13. State

Millard

Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

1,000

16. No. of acres in lease

640

17. No. of acres assigned
to this well

640

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

19. Proposed depth

11,500 Nugget

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

4,612 GR.

22. Approx. date work will start*

November 22, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17	13 3/8	48#/ft.	400	Circ. to surface
12 1/2	10 3/4	40.5	2,500	Circ. to surface
8 3/4	5 1/2	17	11,500	200 sx.

We plan to drill to approximately 400 ft. and set 13 3/8" casing. After cement is set and BOP installed and tested, drilling will resume to approximately 2,500 ft. where 10 3/4" casing will be set and cemented. After cement is set, BOP will be reinstalled and retested. Drilling will resume with an 8 3/4" hole to approximately 11,500 ft. If commercial deposits of hydrocarbons is indicated, 5 1/2" production casing will be set and cemented and the well completed. No volatile fluid use is anticipated in the completion procedures of this well.

Safety equipment: Refer to 10 point safety program

Casing string design: Refer to 10 point safety program

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Title Consulting Engineer

Date 11/9/79

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

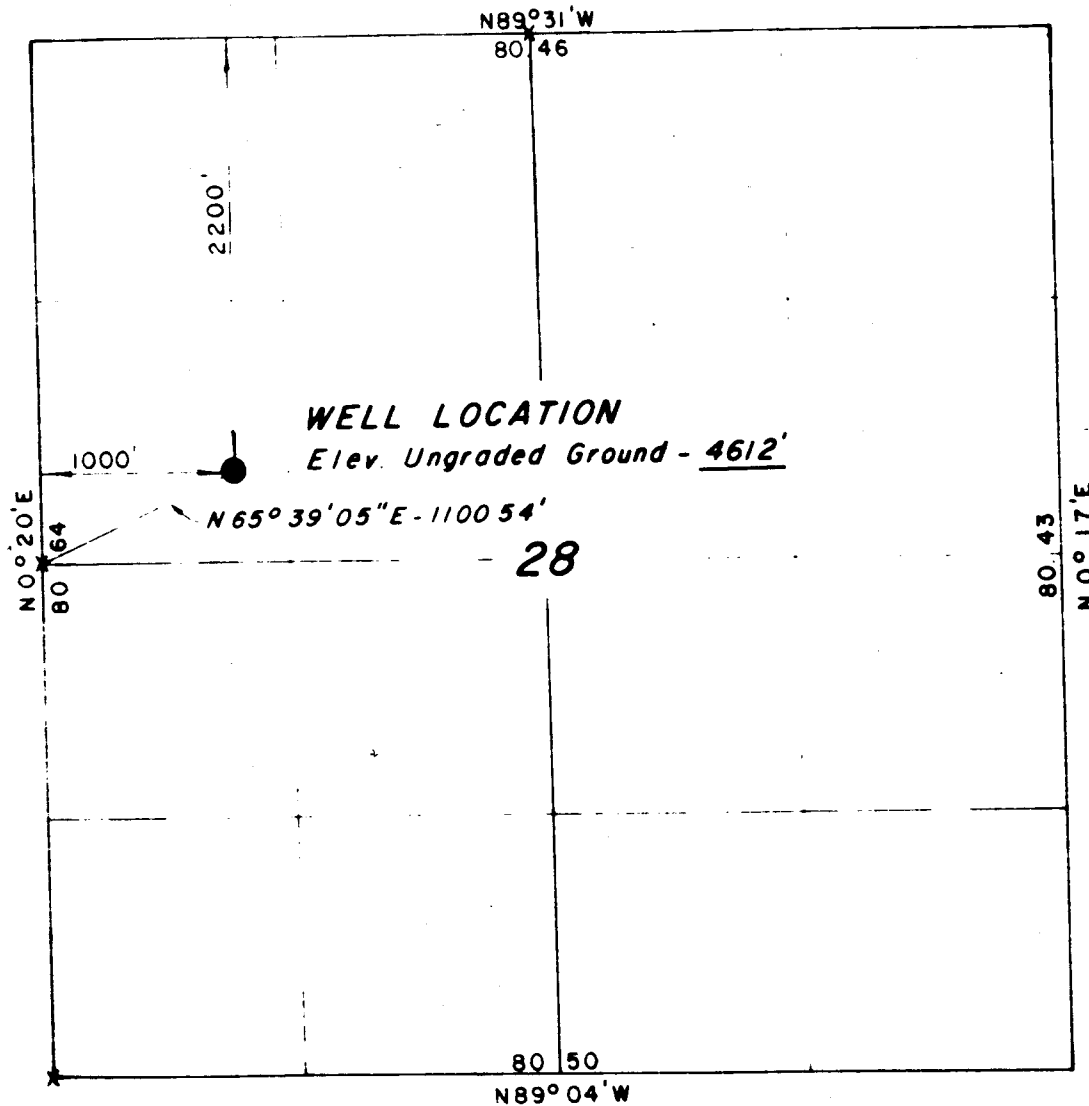
Date

Conditions of approval, if any:

T 20 S , R 8 W , S . L . B . & M

COMINCO AMERICAN INC.

Well location located as shown in
the SW 1/4 NW 1/4 Section 28, T20S,
R8W, S L B & M. Millard County, Utah.



X = Section Corners Located



UNITAH ENGINEERING & LAND SURVEYING
P.O. BOX 2 - MC EAST FIRST SOUTH
VERNAL, UTAH 84078

1" = 1000'

1 / 9 / 79

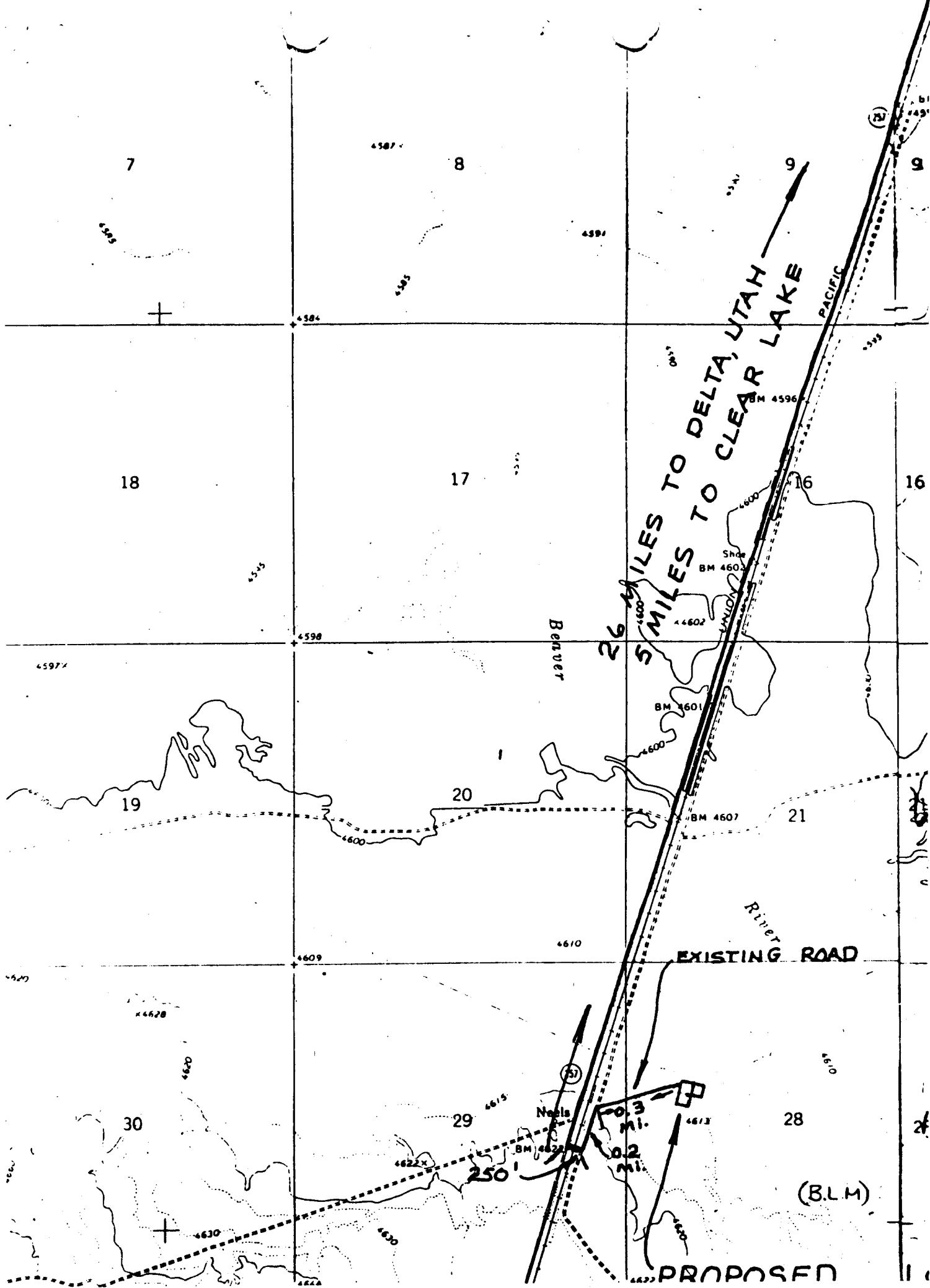
LCK TJ

RP

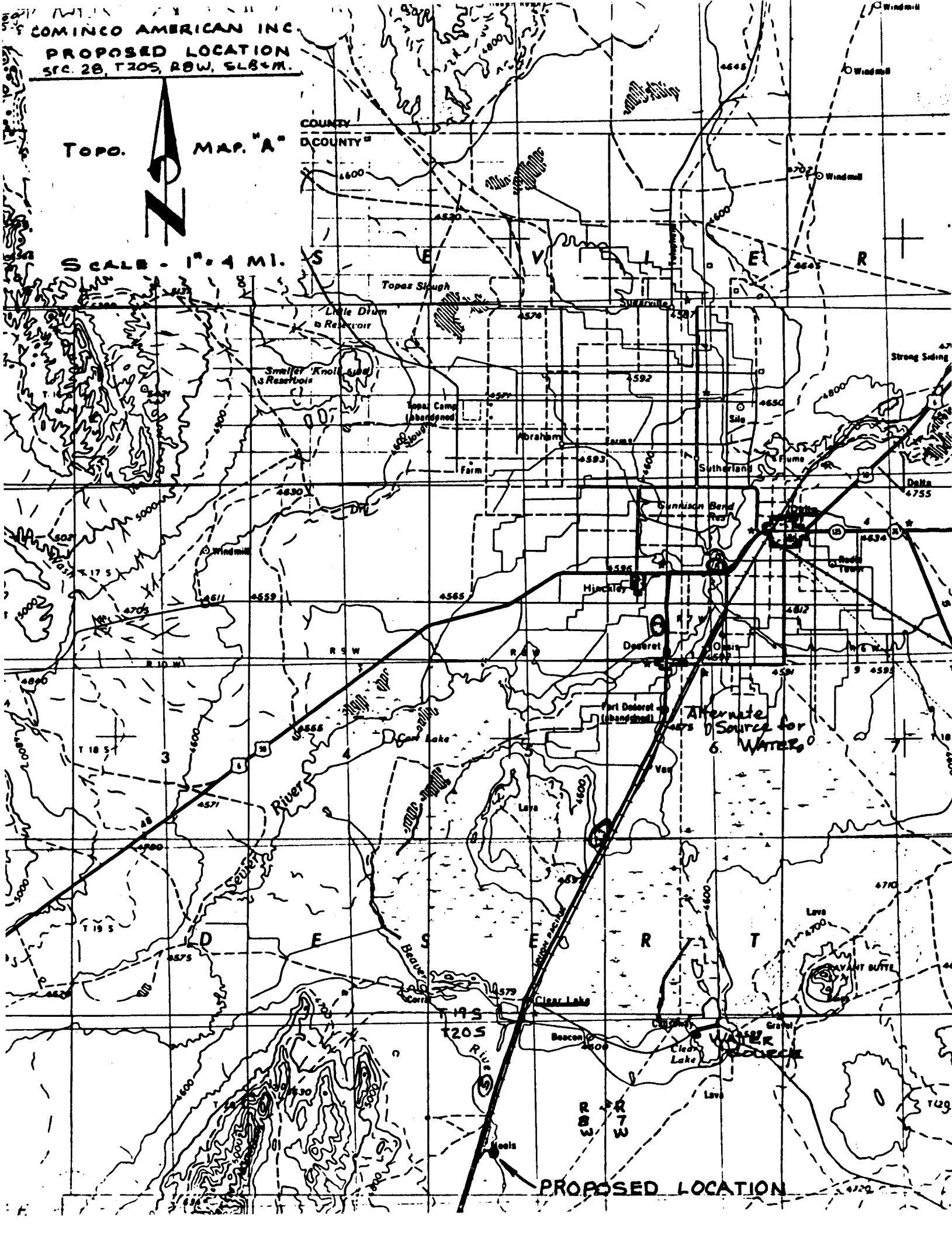
GLO Plat

Cloudy / Cool

COMINCO AMERICAN



SCALE - 1" = 4 MI.



Cominco American Inc.
Federal Number 2
SW/NW Sec 28, T20S, R8W
Millard County, Utah
Utah Lease Number 19442

1. GEOLOGIC NAME OF SURFACE FORMATION

Wasatch Formation, Lower Eocene

2. ESTIMATED FORMATION TOPS

Mesa Verde Series	-	2900	Curtis	-	8650
Mancos Series	-	4100	Entrada	-	8950
Dakota	-	4800	Carmel	-	9300
Morrison	-	7750	Twin Creek	-	10890
Summerville	-	8125	Nugget	-	11250

3. ESTIMATED DEPTHS OF WATER, OIL GAS OR MINERALS

Oil: Nugget 11250 and/or Twin Creek 10890

Gas: Nugget and/or Twin Creek

Water: No fresh water is anticipated below 300'

Mineral Deposits: None Known

4. PROPOSED CASING PROGRAM

Size	Grade	Wt/Ft	Condition/Threads	Depth Set
13 3/8"	H-40	48	New-STC	400'
10 3/4"	K-55	40.5	New-STC	2500'
5 1/2"	N-80	17	New-Buttress	0-800'
	N-80	17	New-LTC	800-11000'
	S-95	17	New-LTC	11000-11500'

Note: Design factors calculated on 9.6 #/gal mud. Design would obviously change with the change in mud density.

DESIGN FACTORS

Tension 1.8
Burst 1.0
Collapse 1.125

Cominco American Inc.
Federal Number 2
SW/NW Sec 28, T20S, R8W
Millard County, Utah
Utah Lease Number 19442

5. PRESSURE CONTROL EQUIPMENT

- A. Refer To Diagram A.
- B. Minimum pressure ratings on any and all B.O.P. or related control equipment will be 5000 #/in.
- C. B.O.P. stack will be pressure tested to 5000 #/in. at 2500', prior to drilling out. The stack will then be checked on each trip to insure workability, and pressure tested to 5000 #/in. prior to drilling the Twin Creek formation.

6. DRILLING FLUIDS

Water and water base mud will be used from surface to total depth. If, however, lost circulation which cannot be controlled is encountered, air or air-mist will be used until protective casing is set.

7. AUXILIARY EQUIPMENT

- 1. Upper and lower kelly cocks.
- 2. Floats will be used when needed.
- 3. Automatic monitoring of mud pits.
- 4. One full opening stabbing valve on floor at all times.
- 5. Manned mud logging unit below 4000 ft.
- 6. Remote control choke.
- 7. Hydrogen sulfide detection system along with a sufficient number of escape packs to allow for evacuation if any hydrogen sulfide gas is encountered.

Note: No hydrogen sulfide gas is anticipated.
However, due to the extreme wildcat nature of this well, this additional safety measure is being initiated.

Cominco American Inc.
Federal Number 2
SW/NW Sec 28, T20S, R8W
Millard County, Utah
Utah Lease Number 19442

8. EVALUATION PROCEDURES

1. Drill Stem Tests: As determined by on site geologist.
2. Coring: As determined by on site geologist.
3. Logging: IES, Gamma Ray Sonic, Dip Meter.

9. ABNORMAL DRILLING CONDITIONS

1. Abnormal Pressure --None Anticipated.
2. Abnormal Temperatures --None Anticipated.
3. Hydrogen Sulfide --None Anticipated.

10. ANTICIPATED STARTING DATE

We anticipate spudding this well on November 22, 1979 . A total of 240 days is anticipated to drill and complete this well. Construction of the drill pad will begin as soon as governmental approval is obtained.

COMINCO AMERICAN INCORPORATED

13 Point Surface Use Plan

for

Well Location

Located In

Section 28, T20S, R8W, S.L.B. & M.

Millard County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Cominco American Incorporated well location, located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 28, T20S, R8W, S.L.B. & M. from Delta, Utah

Proceed Southwesterly out of Delta, Utah on U.S. Highway 6-50, 5 miles to its junction with Utah State Highway 257; proceed in a Southerly direction along this road 16 miles to Clear Lake, Utah; proceed on Southwesterly along this road 5 miles to Neels, Utah and the junction of this road and a road to the East; this road crosses the Rail road and then runs to the Northeast and Southwest parallel to the railroad tracks proceed Northeasterly along this road 0.2 miles to its junction with a road to the East; proceed Easterly along this road 0.3 miles to the proposed location site.

At the present time there is no major construction anticipated along any portion of the above described road.

The road will be maintained and kept at the necessary standards required for an orderly flow of traffic during the drilling, completion, and production activities of this location.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no planned access road. The existing road goes to the location site.

3. LOCATION OF EXISTING WELLS

As shown on Topographic Map "B", there are no known water wells, abandoned wells, temporarily abandoned wells, disposal wells, drilling wells, producing wells, shut in wells, injection wells, monitoring or observation wells for other resources within a 2 mile radius of this proposed well.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no Cominco American Incorporated tank batteries, production facilities, oil gathering lines, gas gathering lines, injection lines, or disposal lines within a one mile radius of this location.

This is an exploratory well, in the event that production is established the location site will be used for production facilities no additional surface will be needed. (See Location Layout for production scheme.)

Upon completion of production, if any, the area used for production facilities will be rehabilitated to meet the requirements of Items #7 #10 and these requirements and standards will be adhered to.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used in the drilling of this well will be hauled by truck from Clear Lake Bird Refuge a distance of 11 road miles to the Northeast.

If this source becomes unavailable water may be obtained for Fort Deseret. Water will be hauled over existing roads approximately 16.5 miles if acquired for the later source..

5. LOCATION OF AND TYPE OF WATER SUPPLY

All regulations and guidelines will be followed, and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during the construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See location layout sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one-half of this depth shall be below the surface of the existing ground.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the waterfowl, wildlife, and domestic animals.

At the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pits will be constructed and fenced on all four sides with a small wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that all materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet, Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wire and overhead flagging installed if there is oil in the pits, and then allowed to dry completely before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (see Topographic Map "A")

The area is a large Valley formed by the Canyon Mountains and Pavant Mountains to the East and the House Mountains to the West, and is part of what is known as the Sevier Desert. The area is interlaced with many washes and non-perennial drainages.

The soils in this semi-arid area are of the Wasatch formation (lower Eocene) consist of light brown sand clay (OL) to sandy soil (SM-ML with poorly graded gravels.

Topsoils in the area range from Sandy clay (SM-CL) type soil to a clayey (OL) type soil

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rain fall in the area is only 8".

11. OTHER INFORMATION - continued

Beaver River a non-perennial stream drains to the North into the Sevier River a non-perennial stream which drains to the West into the Dry Sevier Lake Bed.

Due to the low precipitation average, climate conditions, and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations. It consists of sagebrush, greasewood, and grasses, with sparse amounts of Cacti.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purposes of grazing sheep and cattle.

The birds of the area are raptors, finches, ground sparrow, magpies, crows, and jays.

The Topography of the Immediate Area- (See Topographic Map "B")

This well location sits on a flat area of the Sevier Desert approximately 500' West of the non-perennial Beaver River, this River drains to the Northwest into the Sevier River, which is also non-perennial River.

The terrain in the immediate vicinity of the location slopes through the location site at approximately a 0.1% grade.

The vegetation in the immediate area surrounding the location site is predominantly greasewood, sagebrush, and grasses.

All surface disturbance for this well is under B.L.M. Jurisdiction.

There are no occupied dwelling or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural, sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

George Holden
100 Merrygold Way
Casper, Wyoming

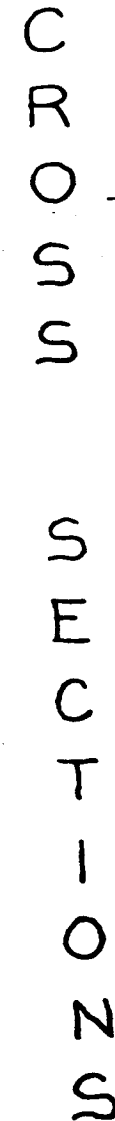
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by Conimco American Incorporated and its contractors and sub-contractors if conformity with this plan and terms and conditions with this plan and terms and conditions under which it is approved.

October 25, 1979
DATE

Bruce O. Barthel
Bruce O. Barthel

SECTION 28, T20S, RBW, S.L.B. & M.
LOCATION LAYOUT & CUT SHEET

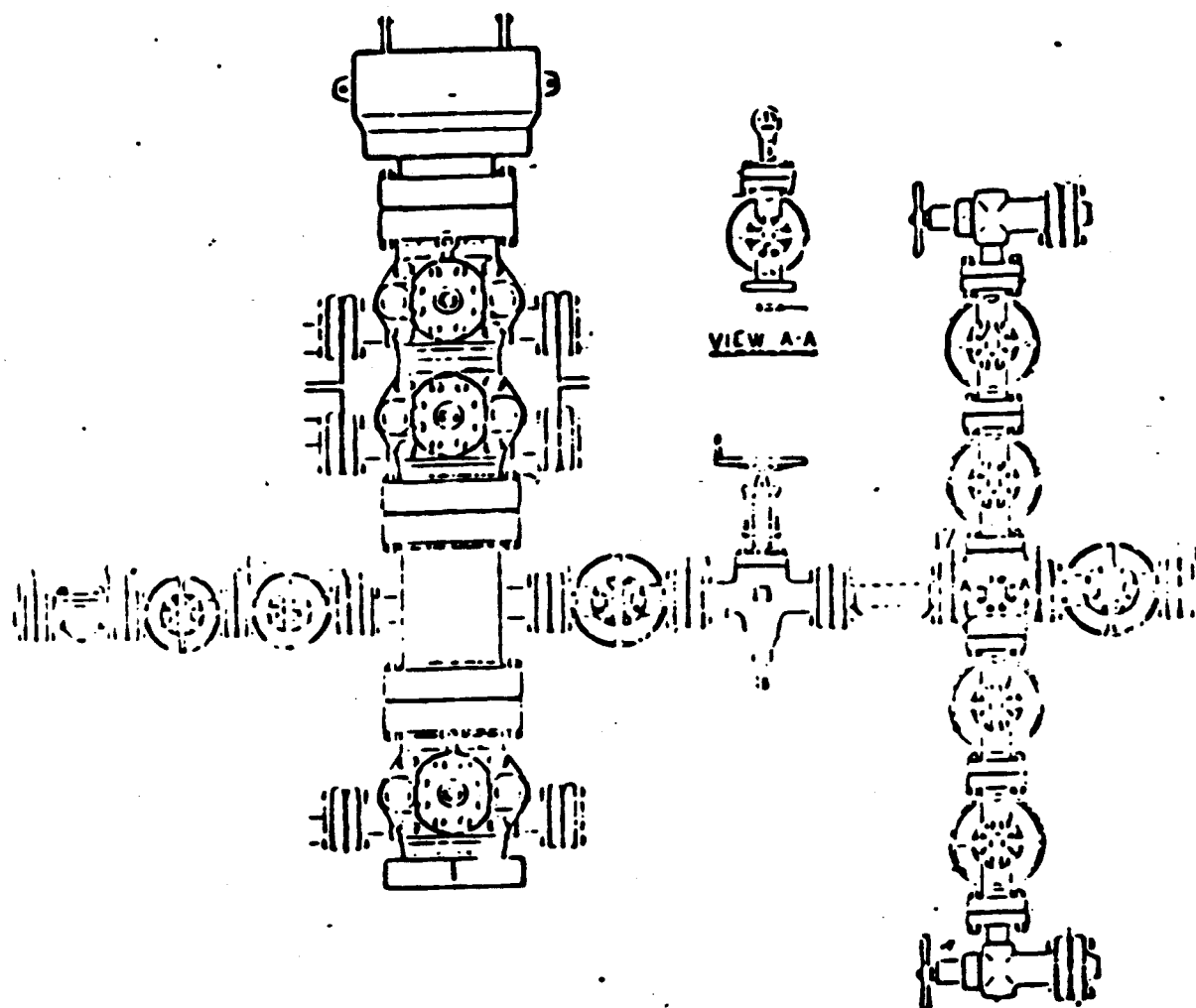


HEAVY CLAYS

APPROX. YARDAGES

CUT - 231 CU. YDS.
FILL - 9 CU. YDS.

DIAGRAM A



Schematic of B.O.P. to be used on:

Cominco American Inc.
Federal Number 2
SW/NW Sec. 28, T20S, R8W
Millard County, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-19442	
2. NAME OF OPERATOR Cominco American, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 203 West 8th, Amarillo, Texas 79101		7. UNIT AGREEMENT NAME Beaver River	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2200' FNL, 1000' FWL, Sec. 28, T20S, R8W Millard County, Utah		8. FARM OR LEASE NAME Federal	
14. PERMIT NO.		9. WELL NO. 2	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4612' G.R.		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T20S, R8W	
		12. COUNTY OR PARISH Millard	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(Other) Supplemental information ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A designation of operator is attached

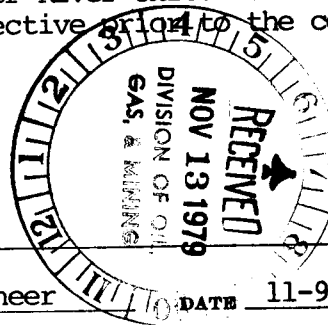
Please amend the 13 point surface use plan as follows:

Item #5 - After investigation of the possibilities of drilling a water well, we have decided to drill a water well. A revised location layout plat is attached which illustrates the proposed water well. Sufficient water should be encountered at a depth of 180' - 250'.

Item #12- Please change to Gordon Engineering, Inc.

P.O. Box 3525
Grand Junction, Colorado 81502
Attention: Mr. John I. Gordon
Phone (303) 245-1958 or (303) 243-9599 (residence)

This well is to be the initial unit well in the Beaver River Unit. The unit at this time is not approved; however, it should be effective prior to the completion of the well.



18. I hereby certify that the foregoing is true and correct

SIGNED

John I. Gordon

TITLE Consulting Engineer

DATE 11-9-79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

** FILE NOTATIONS **

DATE: Nov 14, 1979

Operator: Cominco American Inc.

Well No: Beaver River Unit #2

Location: Sec. 28 T. 20S R. 8W County: Millard

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

☒ API Number 43-027-30017

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: OK Josephson J

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☒

#2
plus
Statement

Lease Designation Ad- not Unit
yet

Plotted on Map ☒

Approval Letter Written ☒

blm

NE
PI

November 16, 1979

Cominco American, Inc.
203 West 8th Street, Suite 510
Amarillo, Texas 79101

Re: Well No. Beaver River Unit #2
Sec. 28, T. 20S, R. 8W.,
Millard County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, this Division requires that a letter be sent to this office stating that Cominco American, Inc., owns or controls the acreage within a 660' radius of the proposed well site.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-027-30017.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:dm

cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Cominco American, Inc.

3. ADDRESS OF OPERATOR

203 W. 8th Street, Suite #510, Amarillo, Texas 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2200 FNL & 1000 FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Add to nearest dirg. unit line, if any) 1,000

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

11,500

20. ROTARY OR CABLE TOOL

Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)

4612 GR.

22. APPROX. DATE WORK WILL START*

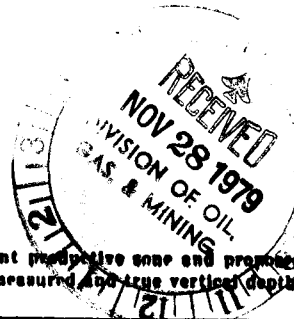
November 22, 1979

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17	13 3/8	48#/ft.	400	Circ. to surface
12 1/4	10 3/4	40.5	2500	Circ. to surface
8 3/4	5 1/2	17	11500	200 sx.

We plan to drill to approximately 400 ft. and set 13 3/8" casing. After cement is set and BOP installed and tested, drilling will resume to approximately 2500 ft. where 10 3/4" casing will be set and cemented. After cement is set, BOP will be reinstalled and retested. Drilling will resume with an 8 3/4" hole to approximately 11500 ft. If commercial deposits of hydrocarbons is indicated, 5 1/2" production casing will be set and cemented and the well completed. No volatile fluid use is anticipated in the completion procedures of this well.

Safety Equipment: Refer to 10 point safety program
Casing String Design: Refer to 10 point safety program



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED: *James O. Smith*

TITLE: *Manager Oil Gas*

DATE: *10-28-79*

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

W.P. Martin

TITLE

ACTING DISTRICT ENGINEER

DATE

NOV 26 1979

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

no Side

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

Proposed Action.

On October 29, 1979, Comico American Incorporated filed an Application for Permit to Drill the No. 2 exploratory well, an 11,500 foot oil test of the Twin Creek and Nugget Formations, located at an elevation of 4612 ft. in the SW 1/4 NW 1/4 Section 28, T20S, R8W on Federal mineral lands and public surface, lease No.U-19442. There was no objection to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BLM the controlling surface agency. Rehabilitation plans would be decided upon as well neared completion, the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 200 feet wide by 400 feet long and reserve a pit 150 feet. by 200 feet. No new access road would be constructed , however, an existing trail would be maintained and upgraded as necessary to its present 16 feet width by 0.5 miles long from Utah State Highway 257.

Access to the location would require passage through two gates immediately adjacent to the highway and nearby railroad tracks. Cattle guards may be installed by the operator if deemed necessary to allow for an orderly flow of traffic during drilling, completion and potential production activities. A safety hazard could exist due to the proximity of the railroad line to the highway and gates.

The operator proposed to construct production facilities on disturbed area of the proposed drill pad. The anticipated starting date is upon approval and duration of drilling and completion activities would be about 240 days.

Location and Natural Setting:

The proposed drillsite is approximately 18 miles southwest of Deseret, Utah, the nearest town. A poor road runs to the location. This well is a wildcat.

Topography:

The location is situated on a flat area of the Sevier Desert, about 500 feet west of the non-perennial Beaver River. The Sevier Desert is bordered on the east by the Canyon and Pavont Mountains and on the west by the House Mountains.

Geology:

The surface geology is the Mesaverde Formation.

The soil is sandy clay.

Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

The Mineral Evaluation Report, submitted by the District Geologist, Salt Lake City, states that potential geothermal resources may be encountered at about 1800 feet in fractured volcanics. The operator should monitor flowline return temperatures and report to the District Engineer in order to provide information concerning potential geothermal resources.

The possibility for geothermal steam also presents a geologic hazard to drilling, and the operator should provide adequate well control for safety of operations. There are no other known geologic hazards near the drillsite, however, due to the extreme wildcat nature of the well, hydrogen sulfide is a possibility, especially when considering the geothermal potential. The operator's drilling program reflects this fact as it includes a hydrogen sulfide detection system and escapes packs to allow for evacuation.

If hydrogen sulfide is encountered during drilling, operations should cease, and an approved Hydrogen Sulfide Contingency Plan be implemented to provide safety for railroad crews and travelers on Utah State Highway 257.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone units of the Mesa Verde . Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation. If any encountered loss of circulation cannot be controlled, air or air mist would be used until protective casings are set.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey Engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay soil. The soil is somewhat subject to runoff from rainfall and has a medium runoff potential and sediment production would be medium. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Because of the clay content of the soils (Mesa Verde) access could become a problem during wet conditions. The BLM has requested that under such conditions, the road be graded to eliminate excess disturbances caused by travel around ^{deep} spots. The operator proposed to gravel the road to reduce such problems.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Land Management.

Approximately 2.5 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated, though they cannot be ruled out when considering the exploratory nature of the well.

Precipitation:

Annual rain fall should range from about 6" to 9" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 7".

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The location is within the Sevier River drainage basin, a closed system. The proposed location is staked about 500 feet west of the Beaver River, a non-perennial tributary of the Sevier River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks and spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology.

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined unless unstable conditions are encountered during construction. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

At the onsite inspection, the operator stated that a water well would be drilled at the location, altering the proposal. Appropriate state permits have been applied for. If useable water is not available from the well, water would be obtained as stated in the APD.

Vegetation:

Vegetation at the location is sparse, with approximately 2-5% ground cover, consisting predominately of shadscale and greasewood.

Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 2.5 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominately of pronghorn antelope, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types or reptiles. The area is used by man for the primary purpose of grazing domestic livestock. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area, although the American Bald Eagle and Peregrine Falcon are migratory through the area and are nearby residents.

WINTER

The proposed drilling should have little, or no effect on these species.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance has been performed. Appropriate clearances have been obtained from the surface managing agency. If, however a historic artifact, an archeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and and the method of mitigation the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilites of this nature in the general area. Distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operations may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is visible from a major road. After drilling operations, completion equipment would be visible to passersby of the area but should not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Millard County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding,

etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Warm Springs Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

1). Not approving the proposed permit -- the oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2). Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetation, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment,

normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Mitigative Measures and Stipulations:

Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

1. Adequate precautions should be undertaken by all vehicles crossing the nearby railroad tracks. Installation of cattle guards at the two nearby gates would reduce potential safety hazards.
2. During wet conditions, traffic should remain on the approved access road and should not create additional disturbances by turning out around bad spots. Graveling the road would eliminate muddy roads during periods of wet conditions.
3. Since the potential for encountering geothermal resources exists, flowline return temperatures should be monitored and reported to the District Engineer.
4. Due to the potential for encountering geothermal steam, proper well control should be practiced during drilling to insure safety of operations.
5. Hydrogen sulfide mud scavengers should be available at the drill site since the potential for encountering hydrogen sulfide cannot be ruled out.
6. If any hydrogen sulfide is encountered during drilling, operations would cease until an approved Hydrogen Sulfide Contingency Plan as outlined in NTL-10, is incorporated into the drilling program to protect railroad crews and travelers on Utah State Highway 257.
7. Any wastes generated at the site would be covered with at least four feet of fill material.
8. The reserve pits would be unlined unless unstable soil conditions are encountered during construction. It is the operator's responsibility to insure a tight stable pit.

Adverse Environmental Effects Which Cannot Be Avoided:

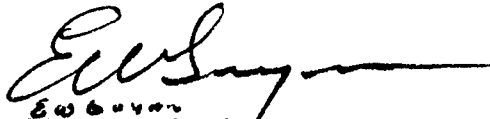
Surface disturbance and removal of vegetation from approximately 2.5 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due

to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Sevier River. The potential for pollution to the Beaver River would exist through leaks and spills.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, 102 (2) (C).

Date


E. W. Brown
District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

Oil and Gas Drilling

EA # 064-80

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Usual Environmental Analysis

Lease No.: U-19442

Operator Cominco American, Inc.

Well No.: 2

Location 2200' FNL & 1000' FWL Sec.: 28 T.: 20S R.: 8W

County: Millard

State: Utah

Field: Wildcat

Status: Surface Ownership: Public

Minerals: Federal

Joint Field Inspection Date: November 20, 1979

Participants and Organizations:

George Diwachak

USGS - Salt Lake City, Utah

Jerry Muhlestein

BLM - Fillmore, Utah

Kenneth Hayes

Gordon Engineering for Cominco American

Related Environmental Analyses and References:

(1) Unit Resource Analysis, Warm Springs Planning Unit, BLM, Fillmore, Utah

Analysis Prepared by: George Diwachak
Environmental Scientist
Salt Lake City, Utah

Date: November 23, 1979

Noted - G. Diwachak

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U19442

and hereby designates

NAME: Cominco-American, Incorporated
ADDRESS: W. 818 Riverside Avenue, P.O. Box 3087,
Spokane, Washington 99220

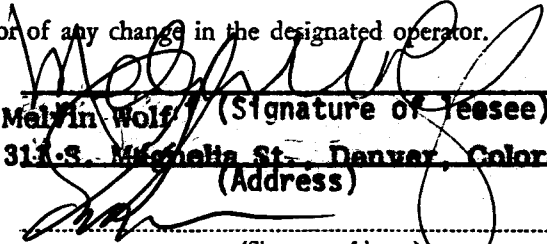
as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 20 South, Range 8 West, SLM
Section 28
Millard County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

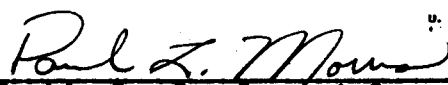
In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

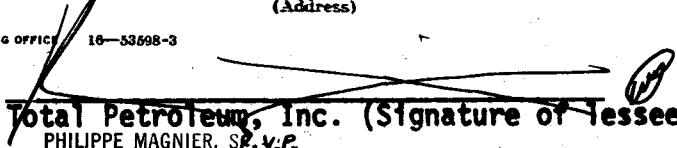
The lessee agrees promptly to notify the supervisor of any change in the designated operator.


Melvin Wolf (Signature of Lessee)
313 S. Michigan St., Denver, Colorado 80224
(Address)

M. A. Rogers, Vice President Exploration
PanCanadian Petroleum Company
P.O. Box 2850, Calgary, Alberta T2P 2S5
(Address)

January 24, 1979
(Date)


Columbia Gas Development Corporation
(Signature of lessee)
P. O. Box 1350
Houston, Texas 77001
(Address)

U. S. GOVERNMENT PRINTING OFFICE 16-53698-3

Total Petroleum, Inc. (Signature of Lessee)
PHILIPPE MAGNIER, S.P.V.P.
EXPLORATION / PRODUCTION
2950 One Allen Center, Houston, Texas 77002
(Address)

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: Cominco American, Inc.

WELL NAME: Beaver River Unit #2

SECTION 28 SW NW TOWNSHIP 20S RANGE 8W COUNTY Millard

DRILLING CONTRACTOR _____

RIG # _____

SPODDED: DATE 12/31/79

TIME 6:30 p.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY _____

TELEPHONE # _____

DATE January 3, 1980

SIGNED

M. J. Minder

cc: USGS

March 7, 1980

Cominco American Inc.
203 West 8th St.
Suite 510
Amarillo, Texas 79101

Re: Well No. Beaver River Unit #2
Sec. 28, T. 20S, R. 8W.
Millard County, Utah
January-February 1980

Gentlemen:

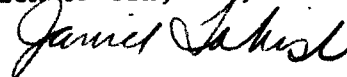
Our records indicate ~~that~~^{that} you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



JANICE TABISH
CLERK TYPIST

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-19442	
2. NAME OF OPERATOR COMINCO AMERICAN INCORPORATED		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR Suite 510 Petroleum Building, Amarillo, Texas 79101		7. UNIT AGREEMENT NAME Beaver River Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW 1/4 NW 1/4 2200' FNL and 1000' FWL		8. FARM OR LEASE NAME Federal	
16. PERMIT NO.		9. WELL NO. 2	
16. ELEVATIONS (Show whether DT, RT, GR, etc.) 4612 GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLE. AND SUBST OR AREA Sec. 28, T20S, R8W	
		12. COUNTY OR PARISH Millard	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER Casing

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANN

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

(Other) Progress Report

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Week March 9 - 15

Drilling sandstone @ 7906'

Confidential

18. I hereby certify that the foregoing is true and correct

Randy Zilurth

I or State of

TITLE Field Supervisor

DATE 3-17-80

PROVAL

TITLE

DATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Or instructions on back)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>COMINCO AMERICAN INCORPORATED</u></p> <p>3. ADDRESS OF OPERATOR <u>Suite 510 Petroleum Building, Amarillo, Texas 79101</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u></p> <p style="text-align: center;"><u>SW 1/4 NW 1/4 2200' FNL and 1000' FWL</u></p> <p>16. PERMIT NO. _____</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <u>U-19442</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____</p> <p>7. UNIT AGREEMENT NAME <u>Beaver River Unit</u></p> <p>8. FARM OR LEASE NAME <u>Federal</u></p> <p>9. WELL NO. <u>2</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 28, T20S, R8W</u></p> <p>12. COUNTY OR PARISH _____ 13. STATE _____</p>
<p>18. ELEVATIONS (Show whether OF, RT, OR, etc.) <u>4612 GR</u></p>	

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) _____

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

Progress report ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) _____

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Week March 17 - 21

Drilling quartzite @ 8308'

Confidential

18. I hereby certify that the foregoing is true and correct

SIGNED

Andy Zerkow

TITLE Field Supervisor

DATE 3-21-80

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE
 (Other instructions on
 reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR COMINCO AMERICAN INCORPORATED 3. ADDRESS OF OPERATOR Suite 510 Petroleum Building, Amarillo, Texas 79101 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW1/4 NW 1/4 2200' FNL and 1000' FWL 14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, CR, etc.) 4612 GR		5. LEASE DESIGNATION AND SERIAL NO. U-19442 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT ASSIGNMENT NAME Beaver River Unit 8. FARM OR LEASE NAME Federal 9. WELL NO. 2 10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC., T., R., N., OR S.E. AND SUBST OR AREA Sec. 28, T20S, R8W 12. COUNTY OR PARISH Millard 13. STATE Utah
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16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>		

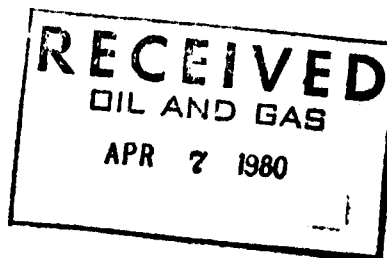
*NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Week March 16-23

Drilling sandstone to 8400'
 Drilling dolomite @ 8550'

Confidential



<input type="checkbox"/> BOB	<input type="checkbox"/> WK
<input type="checkbox"/> AEP	<input type="checkbox"/> RJZ
<input type="checkbox"/> RFE	<input type="checkbox"/> IL
<input type="checkbox"/> ERS	<input type="checkbox"/> CJM
<input type="checkbox"/> FILE	<input type="checkbox"/>

18. I hereby certify that the foregoing is true and correct

SIGNED *James C. Smith*

TITLE Manager, Oil & Gas

DATE 3-28-80

(This space for Federal or State office use)

APPROVED BY *James C. Smith*
 CONDITIONS OF APPROVAL, IF ANY:

FOR E. W. GUYNN
 DISTRICT ENGINEER

DATE APR 01 1980

NO ADDITIONAL SURFACE DISTURBANCE FOR THIS ACTIVITY

*See Instructions on Reverse Side

oper

April 8, 1980

Cominco American Inc.
203 West 8th St.
Suite 510
Amarillo, Texas 79101

Re: Well No. Beaver River Unit #2
Sec. 28, T. 20S, R. 8W.
Millard County, Utah
Months due: January-March 1980
SECOND NOTICE

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



JANICE TABISH
CLERK-TYPIST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME Beaver River Unit
2. NAME OF OPERATOR COMINCO AMERICAN INCORPORATED	8. FARM OR LEASE NAME Federal
3. ADDRESS OF OPERATOR 510 Petroleum Building Amarillo, Texas 79101	9. WELL NO. 2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW 1/4 NW 1/4 2200' ENL and 1000' FW	10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T20S, R8W
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4612 GR	12. COUNTY OR PARISH Millard
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Week March 29 - April 4

Drilling dolomite to 9944'

Confidential

18. I hereby certify that the foregoing is true and correct

SIGNED E. W. GUYNN TITLE Manager, Oil & Gas DATE 4-8-80

(This space for Federal or State office use)

APPROVED BY E. W. GUYNN FOR E. W. GUYNN DISTRICT ENGINEER DATE MAY 07 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

open

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42 R1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-19442

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME Beaver River Unit
2. NAME OF OPERATOR COMINCO AMERICAN INCORPORATED	8. FARM OR LEASE NAME Federal
3. ADDRESS OF OPERATOR 510 Petroleum Building Amarillo, Texas 79101	9. WELL NO. 2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW 1/4 NW 1/4 2200' FNL and 1000' FWL	10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28, T20S, R8W
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4612 GR	12. COUNTY OR PARISH Millard
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Week April 5 - 11

Logging Present depth 11,028

Confidential

18. I hereby certify that the foregoing is true and correct		
SIGNED <u>[Signature]</u>	TITLE <u>Manager, Oil & Gas</u>	DATE <u>4-11-80</u>
(This space for Federal or State office use)		
APPROVED BY <u>[Signature]</u>	FOR <u>E. W. GUYNN</u>	DATE <u>MAY 07 1980</u>
CONDITIONS OF APPROVAL, IF ANY:		

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

open

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-19442
2. NAME OF OPERATOR COMINCO AMERICAN INCORPORATED		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR SUITE 510 Petroleum Bldg. Amarillo, Texas 79101		7. UNIT AGREEMENT NAME Beaver River Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2200' FNL and 1000' FWL		8. FARM OR LEASE NAME Federal
14. PERMIT NO.		9. WELL NO. 2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4612 GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 28 T20S R8W
		12. COUNTY OR PARISH Millard
		13. STATE Utah Texas

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHUT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANN	<input type="checkbox"/>		

(Other) Progress Report

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

January, 1980 48#
Set 13 3/8" casing @ 485' cemented with 635 sks. class H, 2% c.c. circulated cement.
Logged by Dresser from 485' - 2250' ran DIFL, CDLC-CN, BHC, Diplog and sidewall core.
Set 10 3/4" 40.5# casing @ 2073'. Cemented with 725 sks RFC and 200 sks. Class "B"
Top of cement 1100'. Temp survey by McCullough.
N.U. and tested B.O.P.'s drilled to 3107'.

Information on this well is to be held confidential.

RECEIVED
APR 18 1980

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Kathy Zierath TITLE Field Supervisor DATE 3-17-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beaver River Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 28 T20S R8W

12. COUNTY OR PARISH

Millard

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☒ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

510 Petroleum Building 203 W. 8th Amarillo, Texas 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW-4 NW-4 2200' FNL 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4612 GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

FEBRUARY 1980

Dr1g qtz @ 6803'

Confidential

RECEIVED
APR 18 1980

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Bruce O. Borchert

TITLE Manager, Oil & Gas

DATE 4-14-80

*(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-k8442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL ☒ GAS ☐ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

510 Petroleum Bldg. 203 W. 8th Amarillo, Texas 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW-4 NW-4 2200' FNL 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4612 GR

7. UNIT AGREEMENT NAME

Beaver River Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 28 T20S, R8W

12. COUNTY OR PARISH

Millard

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

CONFIDENTIAL

MARCH 1980

3-27-80 Begin coring. Cut 21' core @ 8935' - 8956'

Drlg. dolo. & Limestone @ 9522'

Confidential

RECEIVED
APR 18 1980

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager, Oil & Gas

DATE 4-14-80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL ☒ GAS ☐ WELL ☒ OTHER ☐
2. NAME OF OPERATOR
COMINCO AMERICAN INCORPORATED
3. ADDRESS OF OPERATOR
510 Amarillo Petroleum Building, Amarillo, Texas 79101
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
SW/4 NW/4 2200' FNL and 1000' FWL

7. UNIT AGREEMENT NAME

BEAVER RIVER UNIT

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLK. AND
SUBVY OR AREA

Sec. 28, T20S R8W

12. COUNTY OR PARISH

Millard

13. STATE

Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DE, RT, GR, etc.)

4612 GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

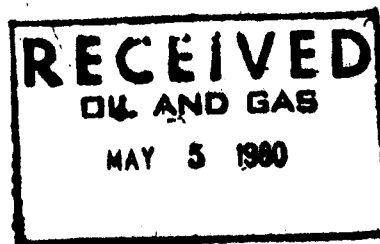
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.) *

Week of April 12 through 18, 1980

Present total depth 11,028'. Rig repair April 12 through 18.

Confidential

☐ BOB ☐ WK
☐ AEP ☐ RJZ
☐ PFE ☒ LL
☐ SOS ☐ CJM
☐ FILE ☐



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager, Oil & Gas

DATE April 18, 1980

(This space for E. W. Gwynn or other use)

FOR

E. W. GYNN
DISTRICT ENGINEER

APR 30 1980

APPROVED BY RA H...
TITLES OF APPROVAL, IF ANY

ACCEPTED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE CATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

BEAVER RIVER UNIT

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

2

10. FIELD AND BOUL. OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR B.L. AND
SURVEY OR AREA

Sec. 28, T20S R8W

12. COUNTY OR PARISH

Millard

13. STATE

UTAH

1.

OIL
WELL ☒ GAS
WELL ☐ OTHER

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

510 Amarillo Petroleum Building Amarillo, Texas 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW-4 NW-4 2200' FNL and 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether BP, RT, GR, etc.)

4612 GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETS

ABANDON*

CHANGE PLANS

XX

SUBSEQUENT REPORT ON:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

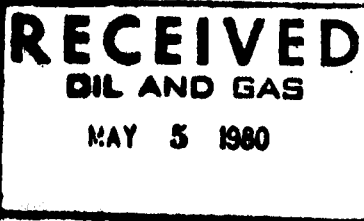
ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all sections and some depth
next to this work.)

Well is approaching original projected TD of 11,500'. Well is now to be drilled to projected TD of 12,500'. Casing program is not expected to be affected except for the additional footage needed.

We anticipate encountering the Jurassic formation somewhere near 12,200'.

☐ BOB
☐ AEP
☐ RFE
☐ ERS
☐ FILE☐ WK
☐ RJZ
☒ LL
☐ CJM

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager, Oil & Gas

DATE April 17, 1980

(This space for Federal or State office use)

APPROVED BY

FOR

E. W. GUYNN
DISTRICT ENGINEER

DATE

APR 30 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

opn

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-B1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. ☒ OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR
COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR
Suite 510 Petroleum Building, Amarillo, Texas 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
SW 1/4 NW 1/4 2200' FNL and 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, MT, GR, etc.)
4612 GR

7. UNIT AGREEMENT NAME
Beaver River Unit

8. FARM OR LEASE NAME
Federal

9. WELL NO.
2

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 28, T20S, R8W

12. COUNTY OR PARISH
Millard

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

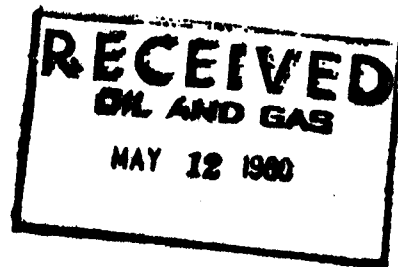
NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>			(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Week March 24-28

Drilling dolomite to 9043'

Confidential



<input type="checkbox"/> BOB	<input type="checkbox"/> WK
<input type="checkbox"/> AEP	<input type="checkbox"/> RJZ
<input type="checkbox"/> RFE	<input type="checkbox"/> LL
<input type="checkbox"/> ERS	<input type="checkbox"/> CJM
<input type="checkbox"/> FILE	<input type="checkbox"/>

18. I hereby certify that the foregoing is true and correct

SIGNED *Sam O'Connell*

TITLE Manager, Oil & Gas

DATE 4-8-80

(This space for Federal or State office use)

APPROVED BY *Sam O'Connell*

FOR E. W. GUYNN
DISTRICT ENGINEER

DATE MAY 07 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☒ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

510 Petroleum Bldg. 203 W. 8th Amarillo, Texas 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW/4 NW/4 2200' FNL 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7. UNIT AGREEMENT NAME

Beaver River Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 28 T20S R8W

12. COUNTY OR PARISH

Millard Cty

13. STATE

UTAH

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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PULL OR ALTER CASING

☐
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☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

REPAIRING WELL

☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

APRIL, 1980

Drilled dolomite, limestone, shale and quartzite to 11,030. Ran Dual Induction and Accoustic logs. Drilled to 12,700 in sandstone, limestone and shale.

Confidential

RECEIVED
MAY 15 1980

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Bruce Roberts

TITLE Manager, Oil & Gas

DATE 5-12-80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRII
(Other instructions
verse side)TE*
reForm approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beaver River Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 28 T20S R8W

12. COUNTY OR PARISH

Millard

13. STATE

UTAH

1. OIL
WELL ☒ GAS
WELL ☐ OTHER

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

510 Petroleum Building Amarillo, TX 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

SW/4 NW/4 2200' FNL 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DP, NT, GR, etc.)

4612 GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones parti-
nent to this work.) *

To circulate heavy mud 9000-13,193; set cement plug 9200-9500' and prepare
to set 5 1/2" csg @ 9150'. Verbal approval given by Mr. Ed Guynn 5/15/80.

Confidential

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Manager, OIL & GAS

DATE

5-15-80

(This space for Federal or State office use)

APPROVED BY

FOR

E. W. GUYNN
DISTRICT ENGINEER

DATE

MAY 30 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beaver River Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND

SURVEY OR AREA
Sec. 28 T20S R8W

12. COUNTY OR PARISH

Millard

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

510 Amarillo Petroleum Building Amarillo, Texas 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW/4 NW/4 2200' FNL 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, ST, GR, etc.)

4612 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETS

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

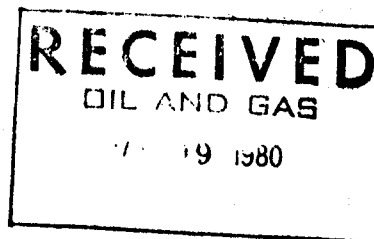
ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log-form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Week of April 19 - 25.

Present total depth 12,112. Drilling limestone and dolomite.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager, Oil & Gas

DATE 4-25-80

(This space for Federal or State office use)

APPROVED BY

FOR E. W. GYNN
DISTRICT ENGINEER

DATE MAY 14 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

opu

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIANGLE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-B1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

BEAVER RIVER UNIT

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLE. AND
SURVEY OR AREA

Sec 28, T20S R8W

12. COUNTY OR PARISH 13. STATE

Millard

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

510 Amarillo Petroleum Building, Amarillo, TX 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW/4 NW/4 2200' TNL and 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4612 GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

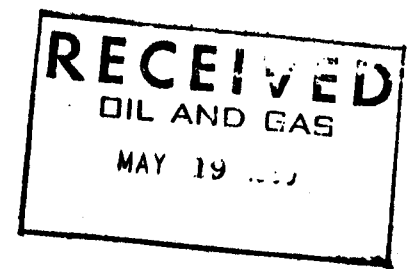
ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Well is approaching a TD of 12,500'. Well is now to be drilling to a projected total depth of 13,500'. Casing program is not expected to be affected except for the additional footage needed.

We anticipate encountering the Jurassic formation somewhere near 13,000'.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager, Oil & Gas

DATE 4-29-80

(This space for Federal or State office use)

APPROVED BY

TITLE

FOR

E. W. GUINN
DISTRICT ENGINEER

DATE

MAY 14 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

open

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42 R1424.
5. LEASE DESIGNATION AND SERIAL NO.

11-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Beaver River Unit

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 28 T20S R8W

12. COUNTY OR PARISH
Millard Cty.

13. STATE
UTAH

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

510 Amarillo Petroleum Building Amarillo, Texas 79101

4. Location of well. (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW/4 NW/4 2200' ENL. 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4612 GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

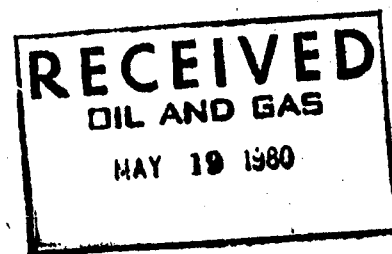
(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

April 26 - May 2

Present total depth 12,804 Drilling 95% sandstone & 5% shale

Confidential



18. I hereby certify that the foregoing is true and correct

SIGNED

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

Manager, Oil & Gas

DATE 5-5-80

FOR

E. W. GUYNN
DISTRICT ENGINEER

DATE

MAY 14 1980

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

Open

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beaver River Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 28 T20S R8W

12. COUNTY OR PARISH 13. STATE
Millard Cty. Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug-back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

510 Amarillo Petroleum Building Amarillo, Texas 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW/4 NW/4 2200' FNL 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4612' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

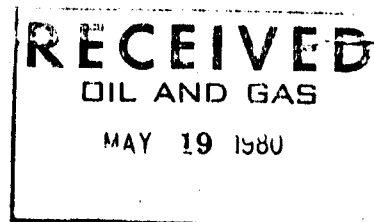
ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Present Total Depth 13,193. Run DLL & MCIL, Density-Neutron Accoustic Logs to 13,184'.
Run Frac log.

Confidential



18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]*

TITLE Manager, Oil & Gas

DATE 5-9-80

(This space for Federal or State office use)

APPROVED BY *[Signature]*
CONDITIONS OF APPROVAL, IF ANY:

FOR E. W. GUYNN
DISTRICT ENGINEER

DATE MAY 14 1980

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

open

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-B1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME BEAVER RIVER UNIT	
2. NAME OF OPERATOR COMINCO AMERICAN INCORPORATED		8. FARM OR LEASE NAME FEDERAL	
3. ADDRESS OF OPERATOR 510 Amarillo Petroleum Building		9. WELL NO. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4 NW/4 2200' FNL 1000' FWL		10. FIELD AND POOL, OR WILDCAT WILDCAT	
14. PERMIT NO.		11. SEC. T., R., M., OR B.L. AND SURVEY OR AREA SEC. 28 T20S R8W	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4612 GR		12. COUNTY OR PARISH MILLARD	13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

May 10 through May 16, 1980

PTD 13,193 Prepare to plug back and set pipe.

Confidential

18. I hereby certify that the foregoing is true and correct

SIGNED

Ernest O. Barthel

TITLE Manager, Oil & Gas

DATE 5-16-80

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Paul Schneider

FOR

E. W. GUYNN
DISTRICT ENGINEER

TITLE

DATE

MAY 30 1980

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME BEAVER RIVER UNIT
2. NAME OF OPERATOR COMINCO AMERICAN INCORPORATED	8. FARM OR LEASE NAME FEDERAL
3. ADDRESS OF OPERATOR 510 Amarillo Petroleum Bldg. Amarillo, TX 79101	9. WELL NO. 2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4 NW/4 2200' FNL 1000' FWL	10. FIELD AND POOL, OR WILDCAT WILDCAT
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.)
	11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA Sec 28 T20S R8W
	12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and some pertinent to this work.)*

MAY 21, 1980

Circulated heavy mud 13,193 - 9200'.

Set cement plug 9240 - 9540'. Set 5 1/2" casing w/640 sacks cement @ 9238'.

Tearing down and moving out drilling rig. Prepare to move in completion unit Monday May 26, 1980.

Confidential

18. I hereby certify that the foregoing is true and correct

SIGNED <u>E. W. GUYNN</u>	TITLE <u>Manager, OIL & GAS</u>	DATE <u>5-21-80</u>
(This space for Federal or State office use)		
APPROVED BY <u>[Signature]</u>	FOR <u>E. W. GUYNN</u>	DATE <u>MAY 30 1980</u>
CONDITIONS OF APPROVAL, IF ANY:	DISTRICT ENGINEER	

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

Beaver River Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SUBSET OR AREA

Sec 28 T20S R8W

12. COUNTY OR PARISH

Millard Cty

13. STATE

UTAH

1. OIL ☒ GAS ☐
WELL ☒ WELL ☐ OTHER

2. NAME OF OPERATOR
COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR
510 Amarillo Petroleum Bldg. Amarillo, TX 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW/4 NW/4 2200' FNL 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DS, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐

PULL OR ALTER CASING

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☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDISE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

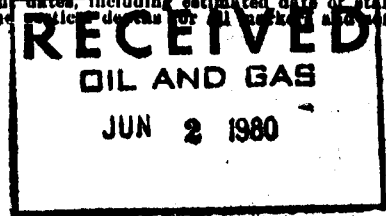
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all tracks and zones pertinent to this work.)*

May 17 through 23, 1980

Set cmt plug 9240-9540. Sec 5 1/2" casing.

Circulate heavy mud 13,193' to 9000'

Tearing down rig and waiting on completion unit expected 5-26-80



18. I hereby certify that the foregoing is true and correct

SIGNED Bruce O. Berthel

TITLE Manager, Oil & Gas

DATE 5-23-80

(This space for Federal or State office use)

APPROVED BY Paul Schneider
CONDITIONS OF APPROVAL, IF ANY:

FOR E. W. GUYNN
TITLE DISTRICT ENGINEER

DATE MAY 30 1980

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

724

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beaver River Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 28 T20S R8W

12. COUNTY OR PARISH 13. STATE

Millard

UTAH

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)RECEIVED
OIL AND GAS

JUN 19 1980

1. OIL ☒ GAS ☐
WELL ☒ WELL ☐ OTHER

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

203 W. 8th 510 Petroleum Bldg Amarillo, TX 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW/4 NW/4 2200' FNL 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ST, OR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PULL OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON*

☐

REPAIR WELL

☐

CHANGE PLANS

☐

(Other)

☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☐

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT*

☐

(Other)

☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

May 24 through May 30, 1980

Move in pulling unit. Ran bond log and 2 3/8" tubing.

18. I hereby certify that the foregoing is true and correct.

SIGNED

James O. Schuch

TITLE Manager, Oil & Gas

DATE 5-30-80

(This space for Federal or State office use)

APPROVED BY

Paul H. Gwynn

TITLE

FOR

E. W. GYNN
DISTRICT ENGINEER

DATE

JUN 13 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

open

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TI
(Other instruct
verse side)

CATE*
/OR TE

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL ☒ GAS ☐ OTHER ☐
WELL WELL

2. NAME OF OPERATOR
COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR
203 W. 8th Suite 510 Petroleum Bldg. Amarillo, TX

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SW/4 NW/4 2200' ENL 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

7. UNIT AGREEMENT NAME
BEAVER RIVER UNIT

8. FARM OR LEASE NAME
FEDERAL

9. WELL NO.

2
10. FIELD AND POOL, OR WILDCAT
WILDCAT

11. SEC., T., R., M., OR B.L. AND
SURVEY OR AREA

SEC 28 T20S R8W

12. COUNTY OR PARISH 13. STATE
MILLARD UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL.
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

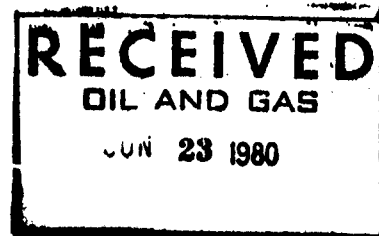
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

May 30 through June 6

Run 2 3/8" tbg
Perf 8922-36'
Swab and take samples
Set Retrievable Bridge Plug @ 8920'



FOR E. W. GYNN
DISTRICT ENGINEER

DATE

DATE

JUN 18 1980

APPROVED FOR UNIT PURPOSES ONLY

ope

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DENOMINATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		RECEIVED OIL AND GAS JUN 30 1980	UNIT AGREEMENT NAME BEAVER RIVER UNIT	
2. NAME OF OPERATOR COMINCO AMERICAN INCORPORATED			8. FARM OR LEASE NAME FEDERAL	
3. ADDRESS OF OPERATOR 203 W. 8th Suite 510 Amarillo, TX 79101			9. WELL NO. 2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/4 NW/4 2200' ENL 1000' FWL			10. FIELD AND POOL, OR WILDCAT WILDCAT	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, NT, GR, etc.) 4612 GR		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA SEC 28 T28S R8W
				12. COUNTY OR PARISH MILLARD
				13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Monthly Status Report ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

MAY, 1980

5-1 through 5-8 Drill to TD 13,193 Qtz, ls, shale, siltstone
5-9- through 5-14 Run DLL & MCLL, Density Neutron, Accoustin logs
to 13,184'. Then Frac log.
5-15-80 TD 13,193
5-16-80 Set cement plug 9200-9500
5-19-80 Set 236 jts 5 1/2" csg to 9238'
5-20 through 24 Rig down - wait on completion unit
5-29 through 31 Rll w/ 2 3/8" tubing. Perf @ 8922-36' Acidize
w/500 gal MSA

Confidential

18. I hereby certify that the foregoing is true and correct.

SIGNED

TITLE Manager, Oil & Gas

DATE 5-14-80

(This space for Federal or State office use)

APPROVED BY

FOR E. W. GUYNN
TITLE DISTRICT ENGINEER

DATE

JUN 26 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

oper

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRI
(Other instructions on re-
verse side)

Form approved,
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Beaver River Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA

Sec 28 T20S R8W

12. COUNTY OR PARISH 13. STATE

Millard

Utah

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER
2. NAME OF OPERATOR
COMINCO AMERICAN INCORPORATED
3. ADDRESS OF OPERATOR
203 W 8th Suite 510 Petroleum Bldg. Amarillo, TX
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
SW/4 NW/4 2200' FNL 1000' FWL
4612 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

June 6 through 14

Dropped 1153' tubing to bottom. Fish and recover tubing, packer and bridge plug.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager, Oil & Gas

DATE June 20, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE FOR E. W. GUYNN
DISTRICT ENGINEER

DATE JUN 26 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

open

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

BEAVER RIVER UNIT

8. FARM OR LEASE NAME

FEDERAL

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC 28 T20S R8W

12. COUNTY OR PARISH 13. STATE

Millard

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

203 W 8th Suite 510 Petroleum Bldg. Amarillo, TX

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface

SW/4 NW/4 2200' FNL 1000' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4612 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

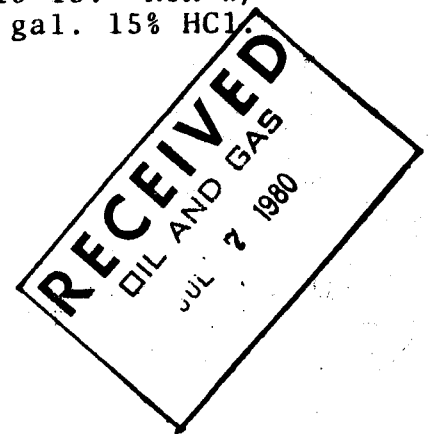
ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

June 14 through 20, 1980

Ran casing inspection log, indicating all good casing. Set Retrievable Bridge Plug @ 8918'. Perforate @ 8910-15. RIH w/ tubing and packer - set @ 8850'. Acidize w/1000 gal. 15% HCl. Start swabbing



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Manager, Oil & Gas

DATE June 20, 1980

(This space for Federal or State office use)

APPROVED BY

FOR

E. W. GUYNN
DISTRICT ENGINEER

DATE

JUL 01 1980

CONDITIONS OF APPROVAL, IF ANY:

APPROVED FOR UNIT PURPOSES ONLY

*See Instructions on Reverse Side

open

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
COMINCO AMERICAN INCORPORATED
3. ADDRESS OF OPERATOR
203 W. 8th Suite 510 Amarillo, TX 79101
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW/4 NW/4 2200 FNL 1000
AT TOP PROD. INTERVAL: " " " "
AT TOTAL DEPTH: " " " "

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Progress report			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

June 28 through July 4, 1980

Pump 500 gal acid away. Swab. Recovered 212 barrels acid and formation water, with fluid level @ 800'. Reset BP @ 7810'. Perf 7724-78, acidize w/500 gal. Swab. Recovered 42 Barrels acid and load water and 26 barrels formation water. Acidize with 650 gal.

5. LEASE
U-19442
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Beaver River Unit
8. FARM OR LEASE NAME
Federal
9. WELL NO.
2
10. FIELD OR WILDCAT NAME
Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 28 T20S R8W
12. COUNTY OR PARISH
Millard
13. STATE
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4632 KDB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED James A. Smith TITLE Manager, Oil & Gas DATE 7-12-80

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

203 W 8th Suite 510 Amarillo, TX 79101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SW/4 NW/4 2200 FNL 1000 FWL
AT TOP PROD. INTERVAL: " " " "
AT TOTAL DEPTH: " " " "

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

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☐
☐
☐
☐
☐
☐
☐

(other) Progress report

5. LEASE
U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
BEAVER RIVER UNIT

8. FARM OR LEASE NAME
FEDERAL

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 28 T20S R8W

12. COUNTY OR PARISH
Millard County

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4632 KDB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

July 5 through July 11, 1980

Swab, dry, no fluid entry. Recovered 30 Barrels load water and acid water. Set Bridge Plug @ 7434'. Perf 7348-80' acidize with 500 gal, 296 Barrels acid and formation water with small amount drilling mud. Shut in over night and swab to recover 35 barrels water. Reset Bridge plug @ 7582'.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Manager, Oil & Gas DATE 7-12-80

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other

2. NAME OF OPERATOR
COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR
203 W. 8th #510 Amarillo, TX 79101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW/4 NW/4 2200 FNL 1000 FWL
AT TOP PROD. INTERVAL: " "
AT TOTAL DEPTH: " "

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☒
ABANDON* ☐

(other) Progress report

SUBSEQUENT REPORT OF:

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☐
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☐

RECEIVED

OIL AND GAS

JUL 14 1980

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

5. LEASE
U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Beaver River Unit

8. FARM OR LEASE NAME
Federal

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 28 T20S R8W

12. COUNTY OR PARISH
Millard

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4632 KDB

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

June 21 through June 27

Swab and recover 100 barrels water (all load recovered previously)
Reset bridge plug at 8390' 192 bbls. water
Perforate and acidize 8350-67. Swab and set bridge plug @ 8335'.
Perforate @ 8286-8329

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

Bruce O. Smith

TITLE Manager, Oil & Gas DATE 6-28 -80

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

E. W. Gynn

FOR
TITLE

E. W. GYNN
DISTRICT ENGINEER

DATE

JUL 10 1980

APPROVED FOR UNIT PURPOSES ONLY

open

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Cominco American, Inc. (Bruce Barthel 806-372-8248)

WELL NAME: Beaver River Unit #2

SECTION 28 SW NW TOWNSHIP 20S RANGE 8W COUNTY Millard

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 13,193'

CASING PROGRAM:

13 3/8" @ 485' circ to surf

10 3/4" @ 2073'

5 1/2" @ 9238'

perfs: 8922'-36' 7429'-7520'

8910'-15' 7348'-80'

8350'-67'

8286'-8320'

PLUGS SET AS FOLLOWS:

1. 9540' - 9240' 300' plug
2. 8889' - 8689' 200' plug
3. 8357' - 8157' 200' plug
4. 7520' - 7320' 200' plug
5. 7100' - 6900' 200' plug
6. 6618' - 6418' cmt retainer
7. 2200' - 2000' cut & pull 5 1/2"

FORMATION TOPS:

Tertiary Valley Fill	0 - 1514'
Top of Tertiary Carbonate	1514'
Top of Precambrian Mutual	2415'
Precambrian Quartzites, Sandstones and ^{phy} Fillites	2514' - 8364'
Thrustfault	8364'
Cambrian Notch Peak	8364' - 8938'
Top of Sneakover Limestone	8938'
Lamb Dolomite	9632'
Pierson Cove	10,600'
Whirlwind	12,030'
Dome Limestone	12,150'
Tatow	12,592'
Top of Prospect Mtn Quartzite	13,022'
No shows: CO ₂ & N from 8950'-8910'; 8936-8922'	

8.8# drilling mud between plugs ~~with~~ ^{with} KCl; ran flake and flour w/good circ.

DATE July 16, 1980

SIGNED M. J. Minder

cc: USGS

Confidential

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☒ gas ☐ well ☐ other ☐
2. NAME OF OPERATOR
Cominco American Incorporated
3. ADDRESS OF OPERATOR
203 W. 8th #510 Amarillo, TX 79101
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>
(other)	<input type="checkbox"/>

5. LEASE
U-19442
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Beaver River Unit
8. FARM OR LEASE NAME
Federal
9. WELL NO.
2
10. FIELD OR WILDCAT NAME
Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 28 T20S R8W
12. COUNTY OR PARISH
Millard
13. STATE
UTAH
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4632 KDB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

JUNE 1980

Fish for and recover 1153' of tubing. Run casing inspection log which showed casing in good shape.

Perf @ 8910-15 Acidize, Swab, recover water. No oil show.
Perf 8350-67'. Acidize, Swab, No oil show
Perf 8286-8320 Acidize, swab. Recovered water and drilling mud. No oil show.

Subsurface Safety Valve: Manu. and Type

Set @

Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

Gene P. Loefer

TITLE Manager, Oil & Gas DATE 7-18-80

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY.

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☒ gas well ☐ other

2. NAME OF OPERATOR
COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR
203 W. 8th Suite 510 Amarillo, TX 79101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: SW/4 NW/4 2200 FNL 1000 FW
AT TOP PROD. INTERVAL: " " " "
AT TOTAL DEPTH: " " " "

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT OFF	
FRACTURE TREAT	
SHOOT OR ACIDIZE	
REPAIR WELL	
PULL OR ALTER CASING	
MULTIPLE COMPLETE	
CHANGE ZONES	
ABANDON* <input checked="" type="checkbox"/>	
(other)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

July 12 through 18

Perfs @ 7424-7520'. Swab. Recovered 187 Barrels Formation Water with no trace of hydrocarbons. Make preparations to Plug & Abandon. Load out excess equipment.

5. LEASE
U-19442
6. IF INDIAN, AITOTILE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Beaver River Unit

8. FARM OR LEASE NAME
Federal

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 28 T20 S R8W

12. COUNTY OR PARISH | 13. STATE
Millard Cty | UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4632 KDB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Subsurface Safety Valve: Make and Type

Set @

Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED *James P. Smith*

Oil Manager, Oil & Gas

7-18-80

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY

DATE

DATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-19442	
2. NAME OF OPERATOR COMINCO AMERICAN INCORPORATED		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR Suite 510, Petroleum Bldg. Amarillo, Texas 79101		7. UNIT AGREEMENT NAME Beaver River Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2200' FNL and 1000' FWL		8. FARM OR LEASE NAME Federal	
14. PERMIT NO.		9. WELL NO. 2	
15. ELEVATIONS (Show whether DT, RT, GR, etc.) 4612 GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 28 T20S R8W	
		12. COUNTY OR PARISH Millard	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	FRACURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other) Progress report	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

February, 1980

Drilled from 3107' to 6803'. Drilling sandstone.

RECEIVED
JUL 25 1980

DIVISION OF
OIL, GAS & MINING

Confidential

18. I hereby certify that the foregoing is true and correct

SIGNED

Kathy Zalarich

TITLE Field Supervisor

DATE 3-17-80

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well

2. NAME OF OPERATOR
COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR
203 W 8th Suite 510 Amarillo, TX 79101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: SW/4 NW/4 2200' FNL 1000' FWL
AT TOP PROD. INTERVAL: as above
AT TOTAL DEPTH: as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☒
(other) ☐

☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
U-19442

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Beaver River Unit

8. FARM OR LEASE NAME
Federal

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 28 T20S R8W

12. COUNTY OR PARISH
Millard

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4632 KDB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

July 15 Begin plugging operations after receiving BLM and State verbal approval. Spot 17 sx Class G cmt w/1/4#sx silica flour at each of the following depths: 8689-8889' 8157-8357' 7320-7520' 6900-7100'
No loss of circulation at any time. Set Baker cement retainer at 6618' and capped with with 17 sx Class G cement. Run free point and cut 5 1/2" casing @ 3250' and recovered. Spot Class G cement plugs at following intervals: 3150-3350' 2000-2200'
No loss of circulation at any time. Removed 13 3/8" spool; 10 3/4" casing was solid to within a few feet of surface indicating that original cement job had nearly circulated. Squeeze 10 3/4" - 13 3/8" annulus with 5 sx and pressured up to 1200 psi and held. Cut casing below surface, set 10 sx cement plug and identification marker as prescribed. KCl water and mud (weight 8.8#/gal comparable to drilling fluid) was left between cement plugs. Finish P&A at 12:00 noon 7-19-80. Location will be completed as soon as mud pits can be closed.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Manager, Oil & Gas DATE 8-4-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



Utah State Oil, Gas & Minerals Division
1588 West North Temple
Salt Lake City, Utah 84116

Re: Suite of Open Hole Logs,
Cominco American Federal #2
Well, Millard County, Utah

Attention: Kathy Avila

July 17, 1980

Dear Ms. Avila:

Under separate cover, I am sending you a suite of logs on the Federal #2 well, Millard County, Utah. The logs are tabulated on the attached sheet. As I mentioned on the phone, our company requests that these logs be held confidential for the maximum period allowed by the state of Utah.

When you receive the logs, please sign and date the attached copy of this letter and return to us for our files.

Very truly yours,

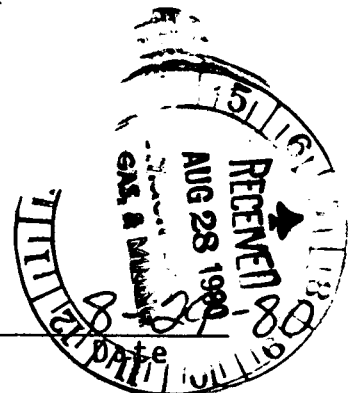
Robert F. Ehinger
Senior Geologist

RFE:yab

Enclosure: (1)

Kathy Avila

Logs Received



**SCHLUMERGER LOGS
(FINAL RUN)**

Dual Interolog Micro SFL Log
FDC-CNL Log
BHC - Sonic Log
Open Hole Variable Density Amplitude
Fracture Identification Log
Waveforms Log
Cyberdip Log

**DRESSER LOGS
(INITIAL & INTERMEDIATE RUNS)**

BHC Acoustilog
Dual Induction Focused Log

November 20, 1980

Cominco American Incorporated
203 West 8th
Suite 510
Amarillo, Texas 79101

RE: Well No. Beaver River Unit #2
Sec. 28, T. 20S, R. 8W.,
Millard County, Utah

Gentlemen:

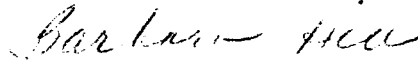
This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

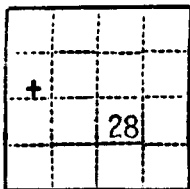
DIVISION OF OIL, GAS, AND MINING



BARBARA HILL
CLERK TYPIST

/bjh

Enclosures: Forms

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 28

T. 20S

R. 8W

SLB 2 Mer.

INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date December 23, 1980

Ref. No. 1

Land office Utah State Utah

Serial No. 19442 County Millard

Lessee Columbia Gas Dev. Corp. Et Al Field Wildcat

Operator Cominco American, Inc. District Salt Lake City

Well No. 2 Subdivision SW NW

Location 2200' FNL & 1000' FWL

Drilling approved Nov. 26, 1979 Well elevation 4612' GR feet

Drilling commenced Dec. 31, 1979 Total depth 13134 feet

Drilling ceased May 7, 1980 Initial production Dry

Oral to Abandon
Completed for production July 14, 1980 Gravity A. P. I.

Abandonment approved April 29, 1986 Initial R. P.

Geologic Formations

Productive Horizons

Surface

Lowest tested

Name

Depths

Contents

Wasatch

Quartzite

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1979												spud
1980					TD 13134		ABD					
1986				PTA								

REMARKS Geologic Markers: see well file in STORAGE CAGE

Casing record: 13 3/8" cc @ 480' w/635 sxs.

10 3/4" cc @ 2073' w/735 sxs.

5 1/2" cc @ 9238' w/640 sxs.

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

COMINCO AMERICAN INCORPORATED

3. ADDRESS OF OPERATOR

203 W. 8th Suite 510 Petroleum Bldg. Amarillo, TX 79101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2200' FNL 1000' FWL

At top prod. interval reported below

At total depth 2336' FNL 651' FWL

14. PERMIT NO.

DATE ISSUED

43-027-30017 11-16-79

15. DATE SPUDDED 12-31-79 16. DATE T.D. REACHED 5-7-80 17. DATE COMPL. (Ready to prod.) P&A 7-31-80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GL 4612' KB 4632' 19. ELEV. CASINGHEAD 4612'

20. TOTAL DEPTH, MD & TVD 13184' MD 13144' TVD 21. PLUG, BACK T.D., MD & TVD 9238 MD TVD not determined 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY XX 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIFL, DLL, BHC, BHC FRAC, DENSILOG, GR, SP, CALIPEL, DIFE, TEMP

27. WAS WELL CORRED

6299-6305/8933-8954

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48.0	480'	17 1/2"	635 sx C1 "H"	0
10 3/4"	40.0	2073'	12 1/4"	735 sx RFC 200 sx C1 "H"	0
5 1/2"	17# & 15.5#	9238'	9 7/8"	640 sx C1 "B"	3250'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

8922-8936 28 shots w/4" csg gun/7429-7520 91 shots
 8910-8915 10 shots w/4" csg gun/7348-7380 32 shots
 8350-8367 17 shots w/4" csg gun/ w/4" csg gun
 8286-8320 34 shots w/4" csg gun
 7724-7778 108shots w/4" csg gun

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8922-8936	12 bbl. acetic
8910-15	1000 gal. 15% HCl
7724-78	500 gal. acetic
7348-7380	500 gal. acetic

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) P & A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

DEC 29 1980

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DIVISION OF

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Randy Ziebart

TITLE Field Supervisor

DATE 12-23-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH TRUE VERT. DEPTH
Notch Peak	8908 8923	8915 8936	Porous dolomite	Precambrian Mutual FM	2514
Core #1	6299	6305	Quartz	Thrust Fault	8364
Core #2 (Notch Peak)	8933	8954	Dolomite - gy-lt gy-wh-dk gy S/calcareous w/abn stylolites, dolo-calcite-barite filled fractures, pyrite, some mottled & brecciated zones, trace of anhydrite	Notch Peak Sneakover Lamb Dol. Pierson Cove Whirlwind Dome Tatow Prospect Mtn Quartzite	8364 8938 9632 10600 12030 12050 12592 13022
				The difference insignificant	in TVD & MD is